

Datasheet

GDF11 monoclonal antibody (M01), clone 3G6

Catalog Number: H00010220-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant GDF11.

Clone Name: 3G6

Immunogen: GDF11 (NP_005802, 310 a.a. ~ 407 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

ESRCCRYPLTVDFEAFGWDWIIAPKRYKANYCSGQCE
YMFMQKYPHTHLVQQANPRGSAGPCCTPTKMSPINM
LYFNDKQQIIYGKIPGMVVDRCGCS

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10220

Gene Symbol: GDF11

Gene Alias: BMP-11, BMP11

Gene Summary: The protein encoded by this gene is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. This group of proteins is characterized by a polybasic proteolytic processing site

which is cleaved to produce a mature protein containing seven conserved cysteine residues. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice and *Xenopus* suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development. [provided by RefSeq]